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Technology Center 2600

Sir:

The undersigned, Nokia Telecommunications Oy, is the assignee of the entire right, title and interest of the issued U.S. patents and pending patent applications identified in the attached appendix, by virtue of properly recorded assignment, from the inventors. The Assignments were recorded in the United States Patent & Trademark Office the reel and frame numbers as indicated. The assignee, through the undersigned representative, hereby revokes any and all powers of attorney heretofore granted and hereby appoints the firm of:



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as attorneys to prosecute the applications and to transact all business in the Patent and Trademark Office connected therewith, and with the issued patents. It is respectfully requested that the records of the United States Patent & Trademark Office be updated to reflect this information, and that all correspondence be sent to the address indicated above.

NOKIA TELECOMMUNICATIONS OY

Date: 5.1.2003

By: Tommi Lehtinen
(Signature)

Tommi Lehtinen
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IPR Manager
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APPENDIX

SSD Case No.	Assignee	Application No.	Filing Date	Patent No.	Issue Date	Reel/Frame	Recordation Date
4340100011	Nokia Telecommunications OY	091400,645	21-Sep-1999			010569/0407	07-Feb-2000
5964300032	Nokia Telecommunications OY	091329,807	10-Jun-1999			010142/0669	05-Aug-1999
5964300033	Nokia Telecommunications OY	091401,888	23-Sep-1999			010460/0506	17-Dec-1999
5964300069	Nokia Telecommunications OY	091639,248	15-Aug-2000			8757/0193	30-Sep-1997
5964300070	Nokia Telecommunications OY	091155,231	23-Sep-1998			9825/0060	23-Sep-1998
5964300078	Nokia Telecommunications OY	091371,179	10-Aug-1999			010350/0958	28-Oct-1999
5964300157	Nokia Telecommunications OY	091325,583	03-Jun-1999			010209/0205	03-Sep-1999
5964300158	Nokia Telecommunications OY	091390,526	03-Sep-1999	6,499,032	24-Dec-2002	012901/0699	14-May-2002
5964300200	Nokia Telecommunications OY	091389,574	03-Sep-1999	6,505,206	07-Jan-2003	010392/0986	15-Nov-1999
5964300201	Nokia Telecommunications OY	091387,704	17-Aug-1999			012422/0198	02-Jan-2002
5986400003	Nokia Telecommunications OY	091111,023	07-Jul-1998			9304/0793	07-Jul-1998
5986400004	Nokia Telecommunications OY	091247,718	09-Feb-1999			9766/0614	09-Feb-1999
5986400005	Nokia Telecommunications OY	091209,182	10-Dec-1998			9643/0041	10-Dec-1998
5986400006	Nokia Telecommunications OY	091146,862	03-Sep-1998	6,490,287	03-Dec-2002	9444/0297	03-Sep-1998
5986400007	Nokia Telecommunications OY	091159,005	23-Sep-1998			9480/0016	23-Sep-1998
5986400008	Nokia Telecommunications OY	091170,378	13-Oct-1998	6,490,275	03-Dec-2002	9739/0745	04-Feb-1999
5986400009	Nokia Telecommunications OY	100114,217	22-Oct-2001			010083/0780	Unknown
5986400010	Nokia Telecommunications OY	091252,264	18-Feb-1999			9782/0438	18-Feb-1999
5986400014	Nokia Telecommunications OY	091092,540	05-Jun-1998			9362/0734	04-Aug-1998
5986400016	Nokia Telecommunications OY	091028,241	24-Feb-1998			9890/0220	05-Apr-1999
5986400019	Nokia Telecommunications OY	091212,608	16-Dec-1998			9654/0327	16-Dec-1998
5986400020	Nokia Telecommunications OY	091237,728	26-Jan-1999			009727/0653	26-Jan-1999
5986400021	Nokia Telecommunications OY	091223,555	30-Dec-1998			9686/0018	30-Dec-1998
5986400022	Nokia Telecommunications OY	091317,333	24-May-1999			010085/0873	12-Jul-1999
5986400084	Nokia Telecommunications OY	091126,835	30-Jul-1998			943/0500	14-Sep-1998
5986400086	Nokia Telecommunications OY	091209,183	10-Dec-1998			9642/0975	10-Dec-1998
5986400087	Nokia Telecommunications OY	091137,276	20-Aug-1998			Unknown	08-Aug-1998
5986400090	Nokia Telecommunications OY	091159,711	24-Sep-1998	6,505,044	07-Jan-2003	9635/0711	09-Dec-1998
5986400093	Nokia Telecommunications OY	091287,321	07-Apr-1999			9891/0402	07-Apr-1999
5986400094	Nokia Telecommunications OY	091161,789	28-Sep-1998			9469/0364	28-Sep-1998
6009100028	Nokia Telecommunications OY	091319,349	04-Jun-1999			010076/0985	04-Jun-1999
6009100029	Nokia Telecommunications OY	091331,520	22-Jun-1999	6,487,288	26-Nov-2002	010073/0396	02-Jul-1999
6009100031	Nokia Telecommunications OY	091331,936	29-Jun-1999			010136/0258	29-Jun-1999
6009100032	Nokia Telecommunications OY	091355,159	31-Aug-1999			010209/0186	03-Sep-1999

6009100033	Nokia Telecommunications OY	09/341,736	15-Jul-1999		Unknown	19-Aug-1999
6009100034	Nokia Telecommunications OY	09/355,145	26-Aug-1999	6,484,031	19-Nov-2002	010201/0380
6009100036	Nokia Telecommunications OY	09/367,830	08-Oct-1999		011036/0089	30-Aug-1999
6009100037	Nokia Telecommunications OY	09/367,921	22-Oct-1999		010812/0964	11-Aug-2000
6009100039	Nokia Telecommunications OY	09/407,568	28-Sep-1999		011092/0575	16-May-2000
6009100041	Nokia Telecommunications OY	09/416,091	12-Oct-1999		013024/0659	08-Nov-2000
6009100042	Nokia Telecommunications OY	09/440,680	12-Nov-1999	6,480,716	12-Nov-2002	010392/0823
6009100048	Nokia Telecommunications OY	09/469,853	22-Dec-1999		010508/0031	12-Nov-1999
6009100052	Nokia Telecommunications OY	09/101,569	14-Oct-1998	6,480,485	12-Nov-2002	9544/0741
6009100053	Nokia Telecommunications OY	09/970,551	03-Oct-2001		9517/0167	19-Oct-1998
6009100054	Nokia Telecommunications OY	09/101,526	29-Sep-1998	6,496,532	17-Dec-2002	9786/0303
6009100056	Nokia Telecommunications OY	09/029,513	27-Feb-1998		9848/0731	Unknown
6009100057	Nokia Telecommunications OY	09/125,101	06-Oct-1998	6,477,384	05-Nov-2002	9524/0641
6009100058	Nokia Telecommunications OY	09/194,297	23-Nov-1998		9767/0552	06-Oct-1998
6009100059	Nokia Telecommunications OY	09/171,683	22-Oct-1998	6,473,473	29-Oct-2002	9839/0911
6009100060	Nokia Telecommunications OY	09/171,968	29-Oct-1998		9729/0136	22-Oct-1998
6009100061	Nokia Telecommunications OY	09/230,962	04-Feb-1999		9819/0992	06-Oct-1998
6009100062	Nokia Telecommunications OY	09/230,504	26-Jan-1999		009969/0277	16-Mar-1999
6009100063	Nokia Telecommunications OY	09/242,361	16-Feb-1999		010387/0418	16-Mar-1999
6009100064	Nokia Telecommunications OY	09/254,512	09-Mar-1999	6,483,830	19-Nov-2002	010019/0491
6009100065	Nokia Telecommunications OY	09/269,484	29-Mar-1999		09-Apr-1999	09-Apr-1999
6009100066	Nokia Telecommunications OY	09/319,516	21-Jul-1999	6,466,786	15-Oct-2002	010054/0935
6009100067	Nokia Telecommunications OY	09/319,181	02-Jun-1999	6,466,552	15-Oct-2002	010079/0986
6009100068	Nokia Telecommunications OY	09/308,110	13-May-1999		02-Jun-1999	02-Jun-1999
6009100069	Nokia Telecommunications OY	09/284,212	08-Apr-1999		06-Aug-1999	02-Jun-1999
6009100070	Nokia Telecommunications OY	09/269,629	30-Mar-1999	6,473,611	29-Oct-2002	9921/0018
6009100091	Nokia Telecommunications OY	09/319,195	29-Jun-1999		010067/0994	26-Apr-1999
6009100104	Nokia Telecommunications OY	09/194,747	02-Dec-1998		010006/0170	26-Apr-1999
6009100105	Nokia Telecommunications OY	09/230,496	26-Jan-1999		009967/0932	02-Dec-1998
6009100108	Nokia Telecommunications OY	09/331,449	08-Jul-1999		010082/0127	02-Dec-1998
6009100118	Nokia Telecommunications OY	09/117,700	07-Oct-1998	6,366,602	02-Apr-2002	9524/0854
6009100119	Nokia Telecommunications OY	09/125,133	07-Oct-1998		9502/0722	02-Dec-1998
6009100120	Nokia Telecommunications OY	09/254,816	15-Mar-1999		9928/0431	07-Oct-1998
6009100121	Nokia Telecommunications OY	09/269,942	08-Apr-1999		9933/0977	03-May-1999
6009100122	Nokia Telecommunications OY	09/331,802	25-Jun-1999		010130/0918	03-May-1999

6009100123	Nokia Telecommunications OY	091341,164	02-Jul-1999		010134/0579	02-Jul-1999
6009100124	Nokia Telecommunications OY	091974,325	09-Oct-2001		011092/0575	08-Nov-2000
6009100142	Nokia Telecommunications OY	091142,347	08-Sep-1998		9541/0482	08-Sep-1998
6009100143	Nokia Telecommunications OY	091308,943	24-Jun-1999		010053/0297	28-Jun-1999
6009100144	Nokia Telecommunications OY	091331,994	26-Jul-1999		0101028/0773	29-Jul-1999
6009100147	Nokia Telecommunications OY	091341,549	13-Jul-1999		011192/0037	20-Oct-2000
6009100159	Nokia Telecommunications OY	091051,944	25-Jun-1998		9282/0501	29-Jun-1998
6053900002	Nokia Telecommunications OY	091331,218	30-Jul-1999		010138/0069	30-Jul-1999
6053900003	Nokia Telecommunications OY	091367,147	30-Nov-1999		010441/0891	10-Dec-1999